1992.1.1.15

Rudolph M. Anderson,
Forest City,
Iowa

Winnebago Co.

notes that I have
noted during the
year 1893.

All specimens marked
(X) were shot or otherwise
spoiled in assembling
specimen for mounting.
Those marked (✓)
are mounted.

1893.

January 7.

Went hunting for a little while to-day. Out did not see much, as it was too cold. Saw one quail, several crow one short eared owl, and one white breasted nuthatch. Chased a large jackrabbit for quite a distance, near the evergreen thicket west of town.

Jan. 14.

Went hunting for a short time in the afternoon. Saw one prairie chicken light in a field by Catholic church. Saw also one short eared owl.

Jan. 21.

Saw several large flocks of tree sparrows in a large corn field and the evergreen grove west of town. Saw also several crows flying over during the afternoon. Saw two short eared owls today. I saw one at 1 o'clock p.m. and about 4:00 o'clock was flying quite high most of the time but occasionally hovering in the air near the ground. Then giving a sudden swoop down to the ground, then immediately rising. As I was passing the side of the evergreen grove

about sunset, I scared out an owl from the small trees (it may have been the same mentioned around there an hour before). It did not seem to be scared as it was before, and flew a short distance and lit in a plowed field, after scaring him once he lit within 5 rods of the road, when a wagon went by without scaring him up, but afterwards he defied all my efforts to approach within shotgun range. Shot two tree sparrows and skinned them. L. 6¼; W. 3⅛; T. 3; ♂.

Jan. 28

Said several crows and a small flock of tree

4 sparrow hawks also one
crow bunting pie Rin
speeds around a straw
stack near Kesseys
barn

Jan 29.

Saw two downy wood
peckers and one white
breasted nuthatch Saw
quite a large flock of
crows by John Halvorsens
slaughter house and
several flying over
nearly every afternoon,
when I go hunting I see
crows flying in a north
or northeasterly direc-
tion, from about
three or four o'clock
till dark I noticed
the same thing last
winter, and think
they have a roosting
place somewhere in
that direction.

February 4.

Shot one American
Magpie (X)8 S. 5½ W. 2 T. 2½
one the bank of the
creek near Mahoney's,
and another one on
the south side of Dex-
ters Peak? S. 5½ W. 3 T. 2.
Saw also a number of
crows.

Feb. 5.

Saw half a dozen
chickadees, one white
breasted nuthatch.
two tree sparrows
and a flock of seven
or eight prairie chickens.
Saw several holes in
the snow where the
prairie chickens had burrowed
for a roosting place.

Feb. 11.

Saw a pair of short-eared
owls and a large flock
of tree sparrows.

Feb. 18.

Saw quite a number of chickadees and crows, one white breasted nuthatch and a small flock of snow buntings, and one gray squirrel.

Feb. 19.

Saw two golden-winged woodpeckers, the first ones I have seen this year, and two redpoll linnets. The redpolls were eating seeds from the tops of some hemp stalks, and I approached within six feet of them. These are the first redpolls I have seen this winter, while last winter they were common everywhere. Saw a few crows also.

Feb. 25.

Shot a ♀ great horned owl in the timber northeast of Seeley's place in Ellington Twp. Hancock county, Iowa. Measurements: L. 23½; W. 14; T. 10; Extent or spread of wings, 53 in. Saw a small flock of cedar birds in the bushes and trees along the bank of the creek near Pitkin's Shotone. Saw a number of chickadees, crows, blue jays, white-breasted nuthatches, one downy woodpecker and one ruffed grouse. Visited old oak tree where I shot a red screech owl Dec. 30. 1892. I could not see anything but after a few raps

on the tree, a red squirrel
ran out of the hole.
I climbed up to the hole
and found that the
hole was not about the
length of my arm. It was
lined with blue jay and
other feathers. There was
also a white substance
somewhat resembling
cotton. The hole was
about two inches in
diameter and about
eighteen inches deep.
I noticed one
gray and two red
squirrels and shot one
red one.

Feb. 27.

It snowed heavily all of
yesterday and to-day,
and this morning when
it was snowing heaviest
there was considerable
lightning and thunder

Feb. 26
mounted the Cedar Bird that I shot the 25th.
L. 7½; W. 3¾; T. 2¼.

March 4

Saw quite a number of Shorelarks. Shot one (L. 7½ W. 4¼ T. 3) X Shot also two redpolls, one ♂ L. 5¾; W. 3; T. 2¼; (mounted) and one ♀ (X). Saw quite a flock of redpolls, one jackrabbit, and three or four short eared owls around the evergreen thicket west of town. Saw also one Great Northern Shrike.

March 7.

Saw a number of English sparrows. These are the first sparrows I have seen since last fall, while last winter they were around every day.

March 1.
Saw a couple of hawks, chickadees, white breasted nuthatch, blue jay, and red squirrels.
Went to the old screech owl tree in Section 6, Ellington Twp. Hancock county, Iowa. I rapped on the tree a few times but nothing appeared but a red squirrel on the top most branches. I then started to climb up to the nest and a gray screech owl flew out of the hole. I climbed the rest of the way up, ran my hand down the hole and pulled out another screech owl in the red plumage. The hole also contained the

body of a White-footed mouse, (Calomys americanus) minus the head

March 12.

Saw the first blue bird and junco of the season also a flock of black birds and a few shore larks. Saw also two ducks fly from the creek, one black and white, white underneath and with a dark head, and the other one was smaller and darker. Saw also many crows.

March 16.

Got a little Saw-Whet or Acadian Owl (Nyctala acadica) from Henry and Julius George, which they caught Thursday,

March 6th. They chased it quite a while in the grass and finally caught it alive. The owl seems to be very mild-tempered and gentle, and can be handled and stroked with the bare hand without even trying to bite or scratch. Saw one flock of about twenty-five robins and a few other stragglers. Shot one Robin, but gave it to the owl. Saw a number of prairie horned larks, one crow, and one northern shrike.

March 19.

Saw a few juncos, and crows and quite a number of robins.

March 25.

Saw one large hawk

and four shorteared owls on the prairie west of town. Shot them around quite a little, but they were so wild that I could not get near them. Saw a great many horned larks. They are singing most of the time now days. Shot one for the saw-whet owl. Saw a flock of twenty-two crows and one of about thirty geese flying over about sundown. Saw the first gopher of the season, but could not tell what kind of a one it was.

March 26

Saw a bluebird in a maple tree in our yard this morning. Heard bluejays.

14 March 27 & 28.
Stupid & foolish
Large cat weight 18 lbs.

March 29.

Saw one robin, also a large hawk and quite a number of ducks flying over town.

March 30.

Saw a great many flocks of ducks and one flock of blackbirds flying over, also two bluebirds. Robins are abundant everywhere

March 31.

Saw one a.m. blackbird and one brown creaper
P.M.
Saw dozens of flocks of ducks, 4 cranes 1 meadow larks, shore larks, robins, golden-crowned kinglets, several marsh

hawks and one red-tailed hawk. The woods seemed to be almost full of juncos, all twittering very loud and several fox sparrows, and crows. Saw one ♂ Mallard and one ♂ Pintail Duck that were shot to-day. Saw quite a number of Prairie Chicken, Killdeer.

April 1. =

Went hunting to-day as far as Lake Edwards and Skunk Lake. Both lakes were frozen over. Saw a great many flocks of cranes (brown) flying and quite a number in some cornfields. Saw a

great many flocks of ducks but could not get close to any. Birds observed: Robins, marsh hawks, crows, meadow larks, shore larks, red wing ed blackbirds, juncos, tree sparrows, northern shrike, Prairie chickens, killdeers. Saw two common rabbits and one jack rabbit. The jackrabbit was of a very dirty white color as if he was beginning to shed his winter coat of fur. Got a meadow mouse (Arvicola riparius). Shot a Phoebe Bird (Sayornis phoebe), but it was spoiled before I reached home.

Saw one yellow-shafted flicker

April 2

Saw the first king-fisher and mourning dove of the season

Saw juncos, tree sparrows, meadow larks, shore larks, killdeers, bluebirds, robins, fox sparrows, blackbirds, blue jays, hawks, gull (1), two flocks of cranes, and one flock of ducks

April 7.

Saw the first Chipping Sparrow of the season this morning.

April 8.

Saw meadow larks, shore larks, tree sparrows, juncos, fox sparrows, brown creeper, ducks, red-winged black

birds, kingfishers, crow, 5 hairy woodpecker, killdeer, golden-winged woodpeckers, robins, one small hawk and several large hawks. Fired three shots at a grebe in a slough at about 30 yards distance but it dived at every shot. Shot a ♂ Kingfisher. L. 13½; W. 6½; T. 4 The woods along the railroad track (Park A) seemed alive with flickers and robins. The flickers were very active flying around, chasing and playing with each other.

April 9.

Saw crow, horned lark, ducks, flickers, kingfishers, robins,

blackbirds, marsh hawks, juncos, fox sparrows, song sparrows, kinglets, white-breasted nuthatches, bluebird, and a great number of brown creepers. Also heard meadow larks, blue-jay and chickadee. noticed a large brown wood butterfly. [Vanessa antiopa (?)]

April 12, —

saw three cranes flying over town this morning tolerably low down

april 17

Saw Ruby-crowned kinglet in our front yard.

april 18,

Saw one purple martin, bluebirds, robins, redwinged blackbirds, and chipping sparrows.

April 20

It began snowing last night, and continued snowing and blowing all day. Saw a number of slate-colored juncos.

April 21.

Continued snowing some in forenoon, until the drifts in some places are four or five feet deep. Shot one tree sparrow and one junco in our yard for my own.

April 22.

Shot a ♀ Broad-winged Hawk (Buteo latissimus) L. 17; W. 11; T. 7; B. 2. Iris brown; cere and feet yellow; Bill bluish near base, black at tip. The stomach of this hawk contained the remains of a

small bird and a mouse. Went to the nest where I got the red tailed hawks nest last year on April 23. Found it to contain two eggs. The hawk left the nest while we were at some distance from the tree, and I could not identify it, but think it was a red tail. Left eggs for future reference. Saw two other hawks of the same kind I shot, and great numbers of tree sparrows, juncos, fox sparrows, and blackbirds, also sparrow (?) hawk, robins, flickers, hairy woodpecker,

ducks, ruby-crowned kinglets, crows, blue-jays, hermit thrushes, song sparrows, kingfishers, yellow-rumped warbler, pewees, killdeer, hell divers, bluebirds, american Bittern, (scared this bittern out of a snow bank in the thick woods south of Charlotte Bridge.)

april 23.

Visited the hawks nest I found yesterday. Found it deserted, with a large hole pecked in one of the eggs but I brought the other egg safely home. Incubation, [illegible] the nest was composed of large sticks

and lined with smaller sticks and some oak leaves. It was about two feet across, and 47 feet from the ground. The slate colored juncos were very plentiful. occasionally, among their other notes, some would make a few notes that sounded like clinking two small stones together. Saw a number of flickers, song sparrows, fox sparrows, blackbirds, mourning dove, ruby crowned kinglets, hermit thrushes, crows, pewees, robins, sparrow hawk, 3 American bitterns, downy woodpecker, brown

Creeper, Red-breasted Nuthatch, Black-capped Chickadee. Saw four large hawks soaring together, dark color beneath, and about half of wings black, the tips of wings gray. Saw a broad-winged (?) hawk, in the woods southwest of milepost 60 very close to it several times, and whenever I would scare it up, it would simply fly a few rods to another tree. Saw 1 yellow-rumped warbler.

April 24.

Saw quite a number of yellow-rumped warblers and juncos, and one or two ruby-crowned kinglets. Shot one ♂ yellow-rumped Warbler. L. 5¾; W. 3; T. 2½.

April 25.

Saw ruby crowned kinglet and junco. numbers of purple martins. Got yellow rumpled Warbler (X) from Julius George.

April 26

Saw juncos, martins,

April 27.

Saw juncos, brown creeper, ruby-crowned kinglet, martins

April 28. Labor Day.

It snowed about 3 inches last night and this forenoon. Saw juncos.

April 29.

Shot one Vesper Sparrow (Poocoetes gramineus) (X). and Swamp Sparrow (X) and shot a ♀ Black crowned night Heron (Nycticorax nycticorax naevius). L. 26; W. 12; T. 5; Ts. 3; B. 3. Color bluish gray above with crown and a large area on back glossy green. White

below. It also had three slender white plumes 9 inches long on the back of its head. Found a red tailed Hawks nest containing 2 eggs about a mile east of the Scelay place in Ellington township Hancock Co. Iowa. When we came near the nest the old hawk flew off out of sight, and did not return until about half an hour afterwards as we were starting to leave, when she circled around over the nest. The nest was in an oak tree; was about two feet across 40 feet from the ground and built

very substantially
of sticks and twigs
and lined with
soft strips of the
inner bark of some
tree. Found a young
gray squirrel dead
at the foot of a large
tree. Climbed the tree
and scared an old
gray squirrel out
of one of the holes
in the tree. The young
squirrel did not
have his eyes opened
yet. Found a nest
of garter snakes
coming out of a heap
of dry leaves. Saw
junco, vesper
sparrows, flickers,
broad-winged (?) hawk,
robins, red-winged
blackbirds, song
sparrows, fox sparrows

ruby crowned
kinglets, yellow
rumped warblers,
cranes, ducks, crows,
marsh hawk, bluejay
partridge, kingfisher
white-throated
sparrows, killdeer,
hell divers, tree
sparrow. (night heron
bill black, iris red
feet yellow) Found
the stomach of the
heron to contain the
remains of a medium
sized garter snake
and a crawfish claw.

april 30.

Saw ruby-crowned
kinglet and juncos.
Snowed some this
evening.

May 1.

Snowed a little this
morning, enough to

whiten the ground.
Saw juncos and
a downy woodpecker

May 4.

Saw juncos, flickers
robins, turtle doves.

May 5.

Got a ♂ Ruddy Duck
(Erismatura rubida)
from Andrew Anderson
which he shot a few
miles west of Forest
City, on Lake Edwards.
L. 17; W. 6; T. 3 1/4
the entire upper man-
dible of this duck was
a bright blue color.
Saw a couple of juncos.

May 6.

Saw a number of
Purple Finches at
different places in
the woods. They
seemed to prefer
to stay in small
trees and brush on

the edge of the wood saw a great number of yellow rumped warblers. they have habits similar to fly-catchers, sitting on a limb until they see some insects, then fly off and circle around and turn over in the air, returning to the limb soon. found a nest of a pewee under a bridge nearly completed over Bear Creek. saw both pewees. found a medium sized hawk's nest on a small knoll in a rather damp woods on Mt. Valley top, in a burr oak tree 26 feet from the

Accipiter cooperi

ground. When we came near the nest, the old hawk flew circling around over the nest very wildly, screaming "kildy, kildy" or something like that of two notes. after a short time the hawk disappeared. the nest contained two pale blue eggs. The purple finches were singing very loudly all day. they have a peculiar whistling note of about four notes, unlike that of almost any bird which can be easily recognized. saw song sparrows, swamp sparrows, white-throated

sparrows, fox sparrows, crows, marsh hawks, broad-winged (?) hawk, large hawks, flickers, red-winged black birds, American bitterns, ruby-crowned kinglets, blue jays, snipes (yellow legs ?), blue-winged teal and other ducks. yellow-bellied woodpecker, white breasted nuthatch, kingfisher, juncos, black and white creepers and several Redpoll warblers, (Dendroica palmarum) and turtle doves, Chewink. Shot ♂ Purple Finch L. 7¼; W. 3¼; T. 2½

♀ Purple Finch L. 6¾; W. 3½; T. 2½

♀ yellow-rumped warbler, L. 5 3/4; W. 3; T. 2 1/2
♀ chewink (X)
L. 8 1/2; W. 3 1/2; T. 4 1/4
Redpoll warbler. (X)
L. 5 1/2; W. 2 3/4; T. 2 1/4
Saw also the first swallow and brown thrushes of the season. 50 species observed in all.

May 7.

Saw a golden-crowned thrush, chickadees, downy woodpecker, mourning doves, crows, yellow-rumped warblers, white-throated sparrows, hermit thrush, wood thrush, black and white creeper, and brown creeper, orange-crowned warblers.

May 8. from Salus George.
Got a pocket gopher and a ♀ weasel (Putorius longicauda) L. 14½; T. 5 mounted weasel

May 9.

Saw the first house wren of the season.

May 16.

Saw the first chimney swifts of the season.

May 11.

Got a ♂ King Rail (Rallus elegans) L. 17¼; W. 7; T. 2¾; B. 2½ from Andrew Anderson which he shot in a slough south-east of Forest City. I also got from him a Sora Rail which I did not skin.

May 12.

Took a set of 5 fresh English sparrow's eggs from a nest in an old tin tea kettle plac

in a poplar tree in our front yard. The nest was made principally of hay and lined with feathers.

May 13.

Went hunting all day to Lake Edwards and Skunk Lake. While crossing the prairie about 9:00 a.m. I saw quite a flock of prairie chickens together drumming, with one strutting around in the middle with head raised, tail spread, and wings drooping. Found a nest containing six young crows in a tree on the woods bordering a slough northwest of Lake Edwards. Found two other nests nearby all in oak trees, and not over twenty-five feet from

22 [illegible] nd, and one containing fragment of a crow's egg. the nests were much more substantially built than any hawk's nests I have seen being smaller, and closely built of sticks and lined with soft strips of bark, pieces of binding twine, hair, etc and are quite deep.
I saw quite a number of Sora and one Virginia Rail in the sloughs.
they are very tame and can hardly be made to fly. When walking or standing they keep the tail bobbing up and down or else standing almost straight up. so:

Saw a great many flocks of slough gulls (black terns) over Lake

Edwards (the [illegible] have been [illegible] flying around screaming and diving their heads in the water after prey. On shooting one, a large number hovered over where it lay in the water, affording excellent opportunities for a shot at them. Mudhens and muskrats were also very common on the lake, but ducks were scarce. Saw three large white gulls, shot one, which proved to be a ♂ Ring billed Gull (Larus delawarensis). Found a nest of the marsh Hawk on the ground about the middle of the north side of a large steep hill. The nest was made of

[illegible] stalks, mostly placed on the lower side of the nest to make up for the slant of the hill, and lined with fine dried grasses and hay. Saw both the parent birds and shot the ♀ bird as she flew screaming around the nest contained 3 eggs of a pale blue color quite thickly spotted and blotched with light brown. Species observed: Swallows, yellow legs, phalarope, american bitterns, blue winged teals, mallards, spoonbills, pintails, upland Sandpipers, least Sandpipers, Jack Snipe, meadow lark,

yellow [illegible] warblers, blue jays, red-winged blackbirds, mourning doves, sparrows, prairie chickens, martins, cranes, robins, brown thrushes, black terns, mud hens, marsh hawks, crows, Sora Rails, Virginia Rail, Ring-billed Gulls, Canada Geese, marsh wrens, Kingbirds, Purple Grackles, and the first king birds, bobolinks, yellow warblers, yellow-headed blackbirds, Maryland yellow throats, catbirds, and black-throated buntings of the season. 42 species in all. The redpoll warblers were quite abundant in

The low brush and
on the bottom land
several times I heard
wading in the edges of
the slough by Shot at
& Ring-billed Gull
(Larus Delawarensis
L. 20 1/4; W. 14 1/4; T. 6; Bt 1/2; Ts. 2
Iris brown, feet yellowish
bill yellowish with black
band across end.
♀ Marsh Hawk.
L. 21; W. 15 1/2; T. 10 3/4; Ts. 2 3/4
Iris brown, feet yellow.
♀ Wilson's Phalarope
L. 10; W. 5 1/4; T. 2 1/2; B. 1/4; Ts. 1+
♀ Virginia Rail
(Rallus virginianus)
L. 10; W. 4; T. 2; B. 1/4; Ts. 1 1/4
Redpoll Warbler
L. 5 1/4; W. 2 1/2; T. 2.
When dissecting the
phalarope I found, an
it contained
egg about the same
color as a blue jay's egg.
but larger and more
pointed at small end.

May 15
Saw first Red-breasted Grosbeaks Baltimore oriole and Red breasted nuthatch of the season, also ruby crowned kinglets, yellow rumped warblers, yellow warblers mourning doves, blue jay, flickers, song sparrows, black and white creeper, snipe, bobolinks, red-winged blackbirds, brown thrushes, wood thrush, and Purple Finches. Found a mourning dove's nest containing one egg.

May 16.

Saw pewees, yellow-rumped warblers, wrens, bluejay, catbird, American Goldfinches, crow, ruby-

one dozen [illegible]
yellow warblers and
one 3 american
Redstart. Saw also a
bridge pewee's nest under
the red bridge east of town
the bird was carrying
cotton and living it.
Shot one wood thrush.

May 18.

Saw 3 Baltimore Oriole.

May 20.

Saw quite a number
of Scarlet tanagers,
catbirds, brown
thrushes, yellow
warblers, maryland
yellow throats, night
hawks, american
redstart, bobolinks,
Sora rails, hawks, marsh
ducks, american bitterns,
Wilson's phalaropes,
swallows, pewees
orchard orioles,

Was shot on a while by some boys which I think was a nest of the Great Horned Owl. It was in the top of a large oak tree, and made of large sticks, and was covered with a great many bones of small animals, birds, crawfish, etc. The ground under the tree was also strewn with bones and wads ejected by the owls. The young owls (two in number) had been taken from the nest a few minutes before we arrived there. The owls were unequal in size, one being considerably larger than the other, and were covered mostly

with brownish yellowish downy feathers, with two downy tufts upon the head for horns, but they had the wings well feathered out, the largest one was about the size of a crow. A boy had tried to climb up to the nest a few days previously but had been frightened down by the old owls. He told me he had taken two large hawk's eggs from the same nest last year. There were quite a number of yellow-throated vireos, and other kinds of vireos, but very few warblers. Shot one black-and yellow warbler (Dentroica maculosa). Saw three dark Sparrows (Chondestes grammacus). Shot

two of them. ♂ & ♀ 4/5
Took a set of six much incubated eggs of the Bronzed Grackle from a nest in a Lombardy Poplar tree. Found a yellow-shafted flicker's nest containing four eggs in a hole in a tree; also a mourning dove's nest with two eggs on top of one of the limbs of a large fallen oak tree about a foot and a half from the ground. Shot:

Black & yellow Warbler ♂
L. 5; W. 2¼; T. 2.

♂ Lark Sparrow [left tarsus broke]
L. 7¼; W. 3½; T. 3.

♀ Lark Sparrow [right tarsus broke]
L. 7; W. 3½; T. 2 3/4

Bronzed Grackle [right head]
L. 12¼; W. 5½; T. 5 (X)

Bronzed Grackle (Green head) L. 11 3/4; W. 5 1/4; T. 3 (X)
caught a ♀ meadow
Mouse (Arvicola xpariu
running in a plowed
field and gave it to
my tame Sawwhet Owl.

May 21.

Found two mourning
doves nests, both in ever-
green trees, and each
containing two eggs.
Took one set of two from
an evergreen tree about
eight feet from the
ground. Found one
robin's nest containing
four eggs and a brown
thrushes nest containing
fragments of egg shells
and one whole fresh
egg, in evergreen trees.
Also found a brown
thrushes nest contain

ing three eggs and one cowbirds egg in a low bush about a foot above the ground. Noticed also blue-winged teal, red-winged and yellow headed blackbirds, Bronzed Grackles, shore larks, killdeer, wood thrush, flickers, Baltimore orioles, maryland yellow throat, yellow warblers, & black poll warblers. Saw also one bird which I think was a green black-capped warbler, it was bright yellow below and yellowish above with a round black crown patch. I noticed this morning a chipping sparrow running along on the ground, and finally flew away with a piece

of grass or straw. I watched where she flew to and found her building a nest in a poplar tree. I did not climb up to it, as it seems they will leave the nest if it is meddled with in any way.

May 23.

Shot a ♂ Rose-breasted Grosbeak, mounted him. Saw night hawks, wood thrushes, scarlet tanager, yellow-throated vireo, catbirds, yellow warblers, downy woodpecker, bank swallows, swifts. Found a mourning dove's nest containing one egg and a brown thrush's containing four eggs.

May 25.

Saw one Chestnut-

sided Warbler, Blue Jays, chipping Sparrows, Catbirds, Sparrow, Warblers, yellow throats. Went to the brown thrushe's nest I found Sunday, the 20th. Found it contained two thrush eggs and one cow-bird's egg, but there were two thrushe's eggs on the ground, one cracked open, which shows one had been deposited since Sunday. the nest was evidently deserted. Also went to the flicker's nest found the 20th, and found 4 eggs had been deposited since then making eight in all, ~~which~~ very fresh. They are of a very pretty

pinkish color before being blowed and so transparent that the yolk can be plainly seen, but they change to a pure glossy white after being blowed. The nest was in a hole in a basswood tree about ten feet from the ground, and about 20 inches deep, lined with small chips and chunks of the soft rotten basswood. When I came near the tree, there seemed to be nothing in it, but after a few raps with a stick the ♀ flicker flew out. She remained near most of the time I was there but made no disturbance or noise. Saw

eight or nine eggs of the mallard duck and about the same number of what they called prairie chickens, which Raymond and Arthur Durant, who had found yesterday. Got one egg of each kind from them.

May 27.

Shot a large ♀ Raccoon L. 32; T. 9; Weight, 19 lbs. in the large timber in Ellington township, Hancock Co, Iowa. The coon was in a medium-sized nest of sticks (crows or hawks) in an oak tree about 20 feet from the ground & think she must have been curled up asleep, as I could not see anything of her, but I

threw a c[illegible] Clubs up near the nest, when he left his nest and began climbing up higher in the tree, when I shot it. Saw also a large woodchuck sitting on a limb of a bass wood tree about 10 feet from the ground. Started to climb up after him to see what he would do. He kept on climbing up a little ahead of me. He did not seem to be able to climb very well, and scrambled up slowly and with difficulty. I followed him nearly to the top, and was near enough to him several times to have touched him, but I did not try to. He went out on a limb

new [illegible] top, and
[illegible] to fall
[illegible] off to the
ground, about forty-
five feet, when he
reached the ground
he jumped up immed-
iately and made off.
Saw to-day american
bitterns, Virginia Rail,
Red-winged and yellow-
headed blackbirds, Coot,
marsh hawk, red-tailed
hawk, swallows, night-
hawks, pewees, Md.
yellow throats, fly-catchers
(red, yellow-throated, et. al),
crows, (black-billed cuckoo,
1st of the season), kingbirds,
grunts, scarlet tanagers,
black terns, ducks, killdeer,
mourning doves, flicker,
(hummingbird, 1st of season)
bobolinks, cowbirds,
Canadian Warbler,
Least fly catcher,

[Redacted] Catbird
[Redacted] Least Flycatcher
L. 5, W. 2½, T. 2½ (X)

♀ Canadian Warbler
L. 5½; W. 2½; T. 2½.

May 28.

Saw first Indigo Buntings of season, r.b. grosbeaks, Wilson's thrushes, Wood thrushes, yellow warblers, chickadee, vireos, snipe. Found a catbird nest, 3 eggs, and 2 brown thrashers, 2 eggs, both in wild willow trees and less than four feet from ground. also a mourning dove's nest about five feet up in a bur oak tree, containing one egg.

May 30.

Saw wood thrush, slough gulls, Sora Rails,

Found a number of
red-winged blackbirds
nests containing from
one to four eggs, took
one set of four, but they
were too far gone to
blow; found one yellow
headed blackbirds nest
containing one egg and
one with four eggs.
Found also about a dozen
Sora Rails nest, containing
from one to eight and
nine eggs; did not
take any of them. Took
a set of six slightly
incubated English
sparrows, from the
same nest & got the
set of five eggs on
may 1st.

June 3rd
1911 hunting most
of afternoon in a
slough about a mile
beyond the B.C.R.I. & M.C.
St. L. Junction. Found
a number of Rails
(Sora?) nests, contain-
from one to ten eggs.
Took set of ten partly
incubated eggs; also one
of seven, some of which
were quite fresh and
some partly incubated
the nest containing
the seven rails eggs
was more substan-
tially built than most
rails nests and quite
a little hollowed on
top, 7 inches across top,
top 3 inches above the
water. The nest was in
a rather thin clump
of slough grass

on the next morning the ten eggs were one on top of the other, as the nest was so small. Found a nest of an American Bittern containing five fresh eggs. Scared the old bird from the nest, and she (or he) flew off quite a ways and was soon joined by another one and they flew around a great ways off and finally lit in another slough. The nest was in the middle of a clump of slough grass near the edge of the slough and was composed of weeds and rushes raised a little above

38 the water where
was about a foot
deep around it. It
was fifteen inches
across the top and
perfectly flat. Found
two nests of the Black
Tern in the same
slough, one contain-
ing 2 and the other
3 eggs, in similar
locations, in an
open place where
there was no grass.
The nests were made
of small decayed
reeches, about five or
six inches across,
and projected above
the water about an
inch or so. The nests
were quite wet and
water soaked. When
were near the nests

about a dozen of the terns would and circled around near the nest and sometimes swooping down perilously near our heads. Had had a black tern peck me on the head while I was examining its nest. Took the set of three eggs which were fresh. Found also a number of nests of yellow-headed and red-winged blackbirds nests containing eggs and one yellow head's nest with two eggs and one young bird. Saw a number of barn swallows building their nests under the eaves of a

barn three or four nests looked completed and I went up to one of them it contained one egg. Was shown a nest of a Killdeer, by the Hay boys in the middle of a plowed field, where they were sowing flax. They said they had run over the nest with a drag and broke one of the four eggs. Took the remaining three eggs which were slightly incubated. Saw barn and cliff swallows, Sora Rail, Virginia Rail, Wilson's Phalarope, King Rail, Killdeers, Upland Sandpipers, Md. yellow-throat, Bobolinks, meadow larks, yellow

warblers, American goldfinches, night herons, but no ringed teals, orchard orioles, & black-throated bunting. Shot a 5 grasshopper sparrow (Ammodramus savannarum ~~passerinus~~ perpallidus (R.R.) 2. 5 3/8; W. 2 5/8; T. 1 3/4. in an old grassy stubble field. Found a nest of an Am. Coot or mudhen, with three eggs on the edge and in the water. They looked as if they had been tipped out, and were highly incubated. Found another mudhens nest, made of large dead rushes raised some above the water and containing six eggs which I left

found a nest
something like a
black birds but larger
and raised a little higher
above the water, composed
of a floating mass of
decayed vegetation.
It contained three quite
large eggs, of a whitish
color, very slightly tinged
with greenish or
bluish. The eggs were
nearly covered with
the material com-
posing the nest. Waited
quite a while to see
if I could see the
bird, but nothing
appeared, so I left
the eggs for future
reference. Took a
set of five fresh eggs
of the Baltimore Oriole
from a nest in the
top of a Lombardy

[illegible] yard, on Broadway
[illegible] Main Street.
June 6—
Went out to collect
on the nest I found
Saturday the 3rd. I
could not see any
bird around the
nest. It now contained
six eggs, so I left them
to see if they would
lay any more. Looked
at the mudhen's nest
which contained six
eggs the 3rd; it now
contained nine
eggs. Looked around
the slough a little
and soon found
another nest of the
same unknown kind
as I had just looked
at. It was in an open
part of the slough and

looked like a small
clump of decayed
grass sticking up
about 2 or 3 inches
above the water, and
about 8 or 9 inches
across. The eggs were
covered up with the
wet, rotten nest materials
so as to be entirely
invisible, as was also
the other nest, containing
six. The eggs, nine in
number, I took. The
nest was not attached
to anything and
could be pushed
about in the water
like a raft very easily
Saw Orchard Orioles,
yellow warblers, Md
yellow-throats, red-
winged and yellow-
headed blackbirds,
Wilsons phalaropes.

bobolinks, meadow larks, killdeers, black terns, ducks, catbirds, brown thrushes, and a few Cedar Birds.

June 7.

Found a rose-breasted grosbeak's nest containing four eggs, in a wild cherry tree about 7 feet from the ground but the eggs were too much incubated to blow. Saw also a brown thrushe's nest containing young, and a mourning dove's nest with one egg and one young bird. Saw scarlet tanager, wood pewee, and yellowthroat, and saw a rose breasted grosbeak carrying straws for nest building and

saw [illegible] with [illegible] the accompanying eggs that were taken to-day.

June 8.

Got a Prairie horned (Scalops argentatus) L. 7; T. 1⅛; from Dent May.

June 9.

Found a yellow warbler's nest, containing two eggs and 1 cathird with one and one with three eggs. Saw yellow throated vireos, Wilsons thrushes, Am. redstarts king birds, night hawks

June 10.

Collected two nests of Red-billed Grebe (?) Each containing 8 slightly incubated eggs. The eggs in both nests were

covered me with the wet rotten nest material as to be entirely invisible. Took in also the American Coot nest found the 3rd, it contained ten slightly incubated eggs. Took two sets of eggs of the Black Tern, three each. Earl Halvorsen who was with me, also found a nest of the American Bittern containing five highly incubated eggs, but they were broken before reaching home. Saw a few nests of Sora Rails and a number of yellow.

headed blackbirds
nests and young
Meadowlarks, Killdeer
bobolinks, barn and
cave swallows, King-
birds. Found a swallow
nest containing 5
fresh in a nest
placed on the side
of a culvert under
the railroad track,
but broke some of the
eggs. also found a
nest of the Yellow
Warbler containing
four eggs in a low
bush about two
feet from ground.
rose-breasted gros-
beak's nest contain-
ing four eggs, and
a catbird's nest
containing young
birds.

June 11.

Found a black-billed cuckoo's nest containing three eggs, rose-breasted grosbeak's nest in a wild willow containing four eggs, yellow warbler's, egg and an ~~accidental~~ least Flycatcher's nest in an oak tree, containing four eggs. Also a blue-jays with three eggs and two or three catbird's nests with eggs.

June 12.

Collected in the three black-billed cuckoo's eggs found yesterday, incubation advanced the nest was about two feet

Also 7 house wrens eggs

from ground in a bent down wild cherry tree, and was composed of small sticks, lined with pieces of weeds and grape vine tendrils. The bird remained on the nest till I came within a few feet of it. Found a nest of the Scarlet Tanager in the woods near the mile-post. It was about ten feet from the ground in a basswood sapling, growing out from the foot of a larger basswood. The sapling was too small to climb, so I was obliged to climb the larger tree near by and pull the nest

over towards me. It contained three fresh eggs of the tanager and two cowbirds eggs. Went to the flycatchers nest found yesterday and got eggs (4) and nest. The nest was in a crotch of a small burr oak tree about eight feet from ground. Shot the bird but accidently lost it before reaching home. Description Bill blackish above, pale below, back grayish brown or drab. Tail same color as back, underneath yellowish white, whiter in center, yellower on sides, and yellowish under head

of wing feathers brown
but blackish. 1st prim-
ary equal to 5th. 2nd
about equal to fourth.
3rd primary longest. 2nd,
3rd, and 4th longest. There
were two buffy wing bars.
Think it was a
least Flycatcher
(Empidonax minimus)
Looked at the Rose-
breasted Grosbeak's nest
found yesterday. It
now contained three
young birds and one
egg. The ♀ bird was on
the nest, while yester-
day the ♂ bird was on.
Found one vireo's egg
with a small hole in
it, and another smashed
one and a cowbird's
egg lying under a
tree, but could not
see the nest.

Saw 3 am redstart,
am. Bittern, rose
rose breasted gros
beaks, catbirds, yellow
warblers, etc. Found
a yellow warblers
nest with two eggs.

June 13.

Found a wood thrush's
nest in a small
basswood sapling
growing from the
base of a large bass-
wood tree. the nest
was about 8 feet from
the ground and
contained nearly 3 fresh
eggs. Saw also another
wood thrush's nest in
a crab apple tree about
five feet from ground.
Both of the old birds
were standing on
the edge of the nest,
one on each side and

by coming up quietly and making a quick grab I caught one of the old birds but immediately let him go again. This nest contained two young birds. Took a set of 5 fresh eggs of the Yellow Warbler, from a nest in a small hazel bush about two feet from ground. I had passed by this nest, but the nervous actions and chirps of the old bird which flitted about uneasily caused me to look around, and I found the nest. Took a set of five eggs of the Bridge Pewee from a nest

under a small bridge west of the Charleston bridge and another set of four fresh eggs from a bridge over Lime creek, but broke one of the four. Took a set of four eggs of Cliff Swallow from a nest under the eaves of a large barn, and a set of five eggs of the Barn Swallow from a nest on the side of a culvert about two by three feet in size. This culvert contained two or three inches of water and I was obliged to crawl on my hands and knees to get it. Saw the parent birds fly out from the nest and they remained

cycling around till I went away. Found a small Flycatcher's nest containing 3 eggs, but did not take them. Found a ♀ Jumping mouse (Zapus hudsonius) which had drowned in a barrel of water by the railroad track. L. 8½ T. 5 Tibia of hind legs, equals Tarsi hind toes 5. 5th one very small. front toes 5. The hind legs were about twice as long as the front ones. Color was grayish above and whitish below the tail bicolor, same as back. Saw yellow-throated vireos, Am. Redstarts, wood pewees,

Started June 1 Crystal Lake in afternoon to stay all night and tomorrow.

On the way out saw red winged and yellow headed blackbirds, Wilson's phalaropes, am. bitterns, ducks, barn swallows, black-throated buntings. Found a nest of a black-throated bunting containing four eggs, from a nest on top of a hill by Crystal Lake. The hill was covered with scattering scrub oaks, hazel bushes and tall grass. The nest was in ~~the~~ a clump of tall grass and hazel

finches at a
foot high. one nest
was found by
accidently stepping
over the nest and
the bird scooted
out and fled quite
a ways off. Came to
the nest several
times and tried
to shoot the bird,
but could not, as
she would remain
on the nest until
I came within two
or three feet of it,
and then jumping
off and disappearing
in the under brush,
and if followed
up, would flyout of
range and appeared
entirely unconcerned
about the nest.

left the next day.

June 17.

Was fishing and boat riding most of the day. The whole party of us caught about a hundred bullheads. Collected in the four black-throated buntings' eggs and nest found yesterday. The eggs were considerably incubated. The nest was composed of coarse grass and weeds and lined with fine grass or straws. Earl Halvorsen also found a black-throated buntings' nest about ten rods from where I found mine. It contained two

[illegible] the two
[illegible] were in pre-
cisely similar loca-
tions and of the
same materials.
Saw two or three
gulls or terns of some
kind & could not
identify, flying over
the lake. They were
a little larger than
black terns, and seemed
to be white all over.
(underneath white at
least; the back may
have been bluish)
with the top of head
black. Saw also
black terns, green
heron, (1 or 2 one this
year) Am. bitterns,
mallards, blue-winged
teals, upland Sand-
piper, night hawks

June
Found a downy
woodpecker's nest
in a medium sized
dead wild poplar tree.
there were two young
birds in the hole, fully
fledged, and able to
fly a little. the parts
which in an adult
downy are white, in
the young bird was
yellowish. saw Balt.
orioles, Indigo buntings,
king birds, wood pewee.
Looked at a king bird's
nest which I found
nearly completed on
June 7. it now con-
tained three eggs.
saw yellow-throated vireo
and Md. yellow-throat.

June 20.

Found a wood pewees
nest on a horizontal

a limb of a large basswood tree about 35 feet from the ground and about five feet out from the body of the tree. It was placed on a crotch and was very hard to see from the ground. It was about 2 inches in diameter inside and about an inch deep. It was composed of very fine grass or root or bark fibers and covered very thickly on the outside with grayish or greenish pieces of bark moss stuck on some way, with fine cob-webs, and made to look very nearly like the limb on which it rests. Found a nest of the Wood thrush containing two

young birds and
three eggs and a
cat bird's nest with
four eggs. the wood
thrush's nest was in
a bass wood sapling
about 10 feet from ground
saw two broods in the
thick brush near the
head of the creek by
the "Deep Hole" which I
think were American
woodcock. they looked quite
large. when flushed up
they jumped off with a
whirr and went straight
for a few rods and would
then turn and disappear
in the brush. they were
of a general reddish
color with very long
bills. saw one indigo
bunting, song sparrow, Md. yellow-throat,
am. goldfinch, saw pair of
young robins. they had black
spots on their breasts like a thrush

Took three kingbirds eggs found the 19th. nest was on a high horizontal limb of a large black walnut tree, about 12 feet out from the body of the tree. also took the 3 woodpewees eggs I found yesterday. Had just got the pewees eggs packed in my collecting box when it slipped and fell to the ground, about 35 ft. when I picked them up I found only one whole kingbirds and one whole pewees egg. Saw 2 Scarlet Tanager, wood thrushes, rose-breasted grosbeaks, when I was taking the wood pewees nest, the bird sat on a limb near by and kept saying "pewee" very plaintively

found a yellow warbler's nest in a hazel bush containing two fresh eggs. Saw American redstarts, wood thrushes.

June 23

took fish eggs from the dam. Found pair under a bridge on Bear Creek east of town. Saw redstarts, humming bird, mourning dove, cowbird, black-throated buntings, Lark Sparrows. The chirked and acted rather anxiously when we were around a certain piece of ground. They must have had a nest there, but I could not find it. Saw a flock of about a dozen cedar birds in a small tree on the edge of a strawberry patch. While going through the woods east of town I ran into a flock of young partridges. At first I thought the young ones were 2 or 3 in number and could fly a little and looked like a small downy chickens. On lighting on the grass they would instantly get out of sight. I say the mother bird on the ground about 10 feet away. She kept uttering a sharp note or cluck to call the young together.

June 24

Found a nest of the orchard oriole in a small drooping willow tree about 10 feet from ground. It contained five eggs but they were so much incubated I succeeded in blowing

but 3 of them took a nest of a small Fly catcher (Empidonax minimus) from a horizontal limb of a willow about seven feet from the ground. It contained 4 eggs but could not know them. Shot the bird. S. W. 1/4; T. 24; R. 7; Tel. 15; S. 2. Found four or five other nests of small fly catchers, but they contained young birds with the exception of one nest which contained two eggs of the fly catcher and one cowbird's egg. Took a set of three slightly incubated eggs of the Black Tern. Saw several Wilson's Phalarope two of which flew around keeping rather anxiously when we were around a certain end of a slough, sometimes coming within five or six feet of my head. Saw also Spotted Sandpipers, Killdeers, Bobolinks, nighthawks, barn swallows. Saw a Weasel running along by the roadside and went into a large hole near the road where he stuck up his head and looked at us quite a while. Saw also three other weasels sticking up their heads and shoulders, two or 3 inches apart through a crack in a large raft stranded in a low meadow. Found a pecan

under a bridge over
a rocky creek containing
a nest of three eggs with the
usual Cowbird's egg. Saw
yellow-billed cuckoo
(American Woodcock) oat
birds song sparrows
brown thrasher, American
redstarts black-poll
warbler, young yellow Warbler
that had evidently just
left the nest. It was gray
all over with the exception
of the edges of the wing
quills, which were yel-
lowish. While I was ad-
miring it both old birds
flew around making noisy
demonstrations and when
I let it go the 2 flew down
to the ground beside it at
once.

June 27.

Found two Black-billed Cuckoo
nests one of which had a
young bird nearly able to
fly sitting near by. The
other nest contained one
young bird one egg that
appeared to be nearly
fresh and another egg
somewhat larger and
paler colored (looking like a
yellow-billed cuckoo egg).
The large egg looked as if
it had been incubated
quite a while. Saw a pair
red-headed Woodpeckers.
These birds are getting
very rare. I saw only seven
or two other occurrences
this year. Sandpiper chickadee
and Goldfinch were
vireo. Found a vireo's nest
in a small hazel bush con-
taining four Cowbirds

One of the Coy-
bird eggs was imbedded
in the bottom of the nest
which looked as if the
cowbird had tried to cover
it up there were no other
eggs in the nest and it
looked as if deserted. As
egg
found
a spotted Cuckoo's
nest three of the Cuckoo
eggs on the ground
round side of each pecked (?)
open and the contents
removed. Saw Lark Sparrow.

June 29.

Took the Pewee's nest found
the 24th. It contained 3
eggs nearly fresh and
much more spotted
than pewee's eggs usually
are. The nest appeared to
have been built on top
of an old swallow's
nest. Found a swallow's
nest containing two
eggs under a small
ridge. Saw blackterns,
blackbirds, orioles,

June 30.

Saw Virginia Rail, Blue-
winged teal yellow-
headed and red winged
blackbirds, blackterns.
Found an Am. Coot nest
in a slough in a clump
of cattails. It contained
nine eggs out of which one
of which a young bird
was just drying it.
was incubated with
one yellowish hairs
on head and neck. The
bill was quite a bright

red color with a black tip. Found one nest of red-winged blackbirds and one of yellow-headed blackbirds containing eggs. Found two kingbirds nests each containing three eggs, both in willow trees, one on edge and one in center of slough. The nest in the center of the slough was in the same tree as a set of three kingbird's eggs July 1, 1892.

July 1.

Found a black-billed cuckoo nest on a small fallen tree, about 1½ ft. above ground in a thick brush. It contained three young birds and one egg. Saw black tern, killdeer, red-winged yellow throats, black throated buntings, brown thrush, chickadee, vireos, fly catchers. Found a kingbirds nest in a willow tree on bank of creek containing young birds, and a rose breasted grosbeak's nest in similar location, also containing young birds and the grosbeak male on the nest. Saw one white-headed nuthatch.

July 3.

Was shown a chickadee's nest by Earl Halfpenny which he found yesterday. It was in a small stump composed principally of wild pollard with a few oak and a dense undergrowth. The nest was in a small dead

poplar stump, 3 or 4
inches in diameter,
and less than a foot
high. The hole extended
down and for six or
eight inches with the
chuckle little nest at the
bottom. The nest was
composed almost en-
tirely of soft hair, pressed
together like soft, coarse
felt. The nest contained
only young birds, almost
fully fledged, with the
exception of the tail
feathers. It also con-
tained six eggs, almost
like fresh eggs, but with
the yolk rather thickened.
Found two song birds' nests of
Chuckoo, Robin, 2 or 3 chip-
ping eggs, found also two
nests which chimney
and yellow throats, one
containing young birds and
the other containing two eggs
and two young birds. Both
were in nice willow trees
about 4 feet from ground.
The eggs were cream colored
with light reddish spots
saw red. yellow throats, am
Goldfinches &c., sandpiper,
black terns. Found a
Bridge. Pewee's nest con-
taining 4 eggs slightly
incubated. Got three
eggs getting them down
& think this is the third
set of the season, as two
nests under this same
bridge have been destroy-
at intervals of from two
to four weeks. Found a
rose breasted grosbeak's nest
young birds, willows near
Creek. 2 bird on nest.

July 4

visited the Red-headed
Woodpeckers nest which
was partly dug out
at now contained
two or three eggs. saw
some Goldfinches and
Indigo Bunting.

July 7

collected four fresh eggs
of the Red-headed Woodpecker
from the nest
found June 27. It was
in the dead top of a
stub of a large thick
limb about 30 feet from
the ground. The entrance
hole was two inches
in diameter and
perfectly round. The
hole extended down
for about 8 inches
being quite small near
the opening and was
much enlarged near
the bottom being some-
what pear shaped. The
eggs were on a bed
of chips in the
bottom of the hole. When
I was at the nest July
4th the bird did not
leave the hole until I
gave the tree two or three
raps with an axe. But
to day the old bird was
clinging to the back
about six inches from
the nest the bird soon dis-
appeared on both days
and did not make any
more fuss. took also a set
of four eggs of the Black
billed Cuckoo from
a nest about 2 feet from
the ground in a wild

willow bush on the banks of the creek was shown this next July 3, it then contained one egg as it also did on July 2, when it was first found. Was shown a nest 13 day of md. yellow throat (a western variety) it contained three eggs had also contained two cowbirds eggs, but they were taken yesterday. The nest was placed in a clump of wormwood and wild willow bushes about 8 inches high in a wild willow thicket in a pasture about 10 rods from creek. The nest was composed externally of large straws and weeds, and lined with fine grasses and a few horse hairs. It was about two inches deep (inside) and somewhat less than that in diameter, and the top about three inches above the ground, but the bottom of the nest not touching the ground. Did not see the old bird.

July 8.

went to the maryland yellowthroats nest found yesterday. the bird remained on the nest until I approached within three feet of the nest, and then noiselessly slipped off and I got a glimpse of her. she disappeared in the brush and I saw her no more. the nest only contains

two eggs today. the other one having mysteriously disappeared. so I collected in the two eggs. took also a set of four Barn Swallow eggs from under the R.R. track inside a culvert. saw yellow headed blackbird & mallard, Wilson's phalarope, black terns, yellow legs, killdeers,

July 10.

went to the bluebirds nest & found July 9th. scared the bluebird from the nest once. the bird copied like any other bluebird but the eggs were pure white & contained 5 eggs. the same number it had on the 7th. the incubation was advanced. the nest was made of hay in a hole in a post by the roadside.

July 11.

saw yellow-billed cuckoo, black terns, American woodcock, catbirds.

July 14.

took a set of four fresh Robins eggs from a nest in some grape vines growing in a ravine bank about four feet from ground. saw orchard oriole, bluebird, marsh hawk, black terns, y-h and r-w b. birds.

July 15.

Took a set of four Bridge Pewee's eggs from under the bridge over Lime Creek east of Forest City. But they were too much incubated to be blown. Three of the eggs were pure white, and the fourth one was very thickly spotted on the large end with spots of light brown. Caught a young redstart that was just learning to fly while I was hooding him. The bird hopped from bush to bush scolding, sometimes within three feet of me. Saw am. Goldfinches, Black-throated Buntings, am. Woodcocks. Shot one Totanus solitarius. for owl

July 16.

Saw Bluebirds, am. Goldfinch, Woodcocks, Black terns.

July 22.-

Shot Red Solitary Sandpiper (Totanus solitarius).

Took a set of four eggs of the Bridge Pewee (white, unspotted) from a bridge over Lime Creek. I think this is the fourth set of the season, as nests containing eggs have been taken on ~~June~~ June 3, June 13, July 3, and to-day, each time a new nest was built, but in a different place

under the same bridge
saw am. Goldfinches
indigo buntings, bluebirds,
and yellow throats, cowbirds

July 29th

Shot five killdeer
plovers, three mourning
doves, one Solitary
Tattler, one Yellow Legs,
Totanus flavipes, and
one which I think was
a Semi-palmated
Sandpiper (Ereunetes
pusillus). L. 6 3/4; W. 3 1/8
T. 2; T.S. 7/8; B. 13/16; TCL. 13/16;
Grayish above, speckled
and streaked with
blackish, hardly any
tinge of brownish. Tail
feathers light gray, two
middle ones darker;
throat and belly pure
white, with a band of
buffy feathers across
breast between ends of
closed wings, the buffy
feathers having a few
fine dark streaks. The
wing coverts are gray, with
a small white edging on
end of each feather. Iris
brown, bill black upper
mandible grooved to tip,
the lower mandible has
half shot off out way
webbed as far as it were
feet drab, nearly one-half
webbed, a pale streak about
1/8 inch wide extends
over eye, enlarging into
a whitish blotch just in
front of eye. Saw Cedar
Bird, green herons, am. bittern,
Barn and cliff swallows,
Towhees, am. Goldfinches, etc

July 30.

Saw a Great Blue Heron, Solitary Sandpipers, Cedar Birds, Am. Goldfinches.

July 31.

Shot 7 Solitary Tattlers, 2 Killdeers, 1 Semi-palmated Sandpiper, 1 Spotted Sandpiper, 1 Least Sandpiper, and one Wilsonian Snipe.

Spotted Sandpiper
Actitis macularia
L. 8; W. 4; T. 2 1/4 B. 1 Ts. 1 Tcl. 2 8

Least Sandpiper
Tringa minutilla
L. 6; W. 3 3/8; T. 1 3/8; B. 5/16 X
Ts. 3/4; Tcl. 3/4

Semi-palmated S-pipe
Ereunetes pusillus
L. 6 1/2; W. 3 3/4; T. 1 1/4; B. 13/16
Ts. 3/4; Tcl. 3/4 X

Saw Blackburnian, Cedar Birds, Yellow warblers, Goldfinches. Made four double shots on Killdeers and sandpipers.

August 2.

Got a set of 3 slightly incubated eggs of the yellow-billed Cuckoo from Topaz Anderson and Earl Halvorsen. They also found 3 fresh eggs, yellow bills.

August 3
Got a nest of 5 fresh eggs of Mourning Dove and Yellow-breasted Chat. Nest was on a hill covered with grass and with a few small bushes scattered here and there. The nest was 6 inches across and made of hay or dried grass. Found another set of thirteen

Aug. 5th
Shot 12 Solitary Sandpipers, 2 least Sandpipers, 1 Spotted Sandpiper, 2 killdeer, one Yellow-legs and 3 Blue-winged Teal and many Green Herons, Bittern, Goldfinches, Yellow warblers, Shot 4 Redwings (rings) maculata.

Aug. 7
Found a Yellow-billed Cuckoo's nest containing 3 eggs, two of the young which were nearly ready to hatch and one small fresh egg beside the eggs of the Black-billed Cuckoo. The nest was in a plum tree 8 feet from ground and made of small sticks and lined with dead leaves and roots. The bird remained on the nest all day and quietly under it and shook the tree and would leave a Black-billed

Cuckoo's nest containing 2 eggs just ready to hatch, as one of the eggs had a hole pecked in it by the young bird. Saw Cedar birds, Indigo bunting, Jack Snipes, Solitary Tattlers, Killdeers, pewees.

Aug. 12.

Shot 5 yellowlegs (Totanus flavipes), 5 Solitary Tattlers (Totanus solitarius), 4 killdeers (Aegialitis vociferus), 9 Jack Snipes (Tringa wilsonia) and 1 Mourning dove (Zenaida macroura). Shot a great Blue Heron (Ardea herodias)

B. 44½; W. 18½; T. 7½;
B. 5¼; TS. 7½; Tol. 5¼ E. 63

The stomach of the G. B. Heron contained a whole Sucker nine inches long. Saw several other species, many ducks, several Big Plovers, Jack Snipes, the Jack Snipes and killdeers seemed to go together. Saw many Green Herons, Cedar birds, Am. Goldfinches, Chickadees.

Aug 13

Caught a small Blue tailed Lizard running along R. R. track. Saw Red Herons, Yellow warblers, Solitary Sandpipers, Belted Kingfishers, Pewee

august 15
Shot least Sandpiper
saw Blue-winged Teals,
Jack Snipes, Killdeers
n. Bitterns

Aug. 18.
saw Black-crowned
night Heron, 3 Great
Blue Herons, many
Green Herons and
American Bitterns,
marsh hawks, Blue
winged Teals, Mallards,
Killdeers, Sora, yellow
legs, Solitary Tattler,
Killdeers, Jack Snipes,
scared a Great horned
owl from some brush
and weeds on the bank
of the creek in a pasture
we lit in a lone tree on
the edge of a corn field
and after I scared him
out of this he made for
the timber carrying
much noise demonstra-
tion from a flock of
crows. Shot a Bobolink
I think think it was
a young one, as it was
dull yellow color under
neath, with a few brown
streaks.

aug. 19.
Saw Mallards, blue winged
teal and other ducks
n. Bitterns, rail, Virginia
rail, pickerel, marsh
hawk, yellow legs, solitary
tattler, Jack Snipes,
least sandpipers, Killdeers, yellow headed
blackbirds in great
flocks, got 2 of them with
very little yellow, prob-
ably young birds.

10

Sora Rails. Found a nest of Black throated Bunting about 8 feet from ground in a plush tree. It contained two young birds and two eggs. Shot two pied billed grebes, one King Rail, two Jack Snipes, one Wilson's Snipe, one least sandpiper.

Aug 21.

Shot one least sandpiper, one killdeer and one Jack Snipe.

Aug 24.

Shot a 2 American Redstart, saw Canada warbler, 2 or 3 nuthatches, chickadees, night hawks and many Redstarts.

Aug 26.

Went to Pilot mound in afternoon. Saw one hummingbird. Rest across the high heath part of mound. Saw many swallows. Shot one duck, Redheads, am. bittern, shot night hawk. Walked back from Pilot mound but saw very few birds.

Aug 27

Saw one 2 Wood Duck in the creek near town that had her wing broke so she could not fly. Tried to catch her, but she swam very fast and would dive

a few feet from
the boat & dive and
stay under water a
long time and come
up again quite a
ways off. And finally
escaped. Saw a few
green herons, vireos,
solitary tattlers.

Aug. 28.

Saw the skunk. Wood
Duck tried to catch
yesterday. Shot at her
but she flew near
some thick willows
and grape vines that
came down to the
water on the opposite
side of the creek and
I did not see her
again. Saw ducks,
green herons, Wilson's
snipes, Solitary Tattlers
blue-winged teal, belted
kingfisher, Shot am. redstart.
Found a mourning
dove's nest with two
eggs.

Aug. 29

Shot a ♀ Mallard, &
♀ Wood Duck— L. 18½;
W. 8; T. 4½; B. 1⅝; Ts. 1⅜
eyes brown and eyelids
bright yellow. Mounted it.
♂ Hooded Merganser.
L. 18; W. 6¾; T. 3¼; B. 1⅝ Ts. 1⅛
eyes yellow, bill very
slender, tarsella coral
red, tail with short feathers
back with some much

longer stiff light brown feathers, head crown white under neath neck brownish throat light gray fish or whitish Saw one adult Black crowned night Heron and one with it which I think was a young one. Saw several Great Blue Herons, Green Herons, American Bitterns, Wilson's Snipes. Killed deer, night hawks, Red billed Grebes. Shot two Wood Ducks, several flocks

Sept 1.

Took a set of two nearly fresh eggs of Mourning Dove from nest found Aug. 28. Nest was in a Burr oak, about six feet from ground. Shot one Mallard and 4 blue-winged teal. Saw several flocks of Wood Ducks and shot one, but could not get it. Saw Great Blue Herons, Green Herons, Black-crowned night Herons.

Sept 3

Walked from Buffalo Center, Iowa, over to Kossuth Co. Saw King Rail, night hawks, yellow legs, Solitary Sandpipers, Tattlers, Horned Larks, Barn swallows, Wilsons Snipes.

Sept 8.

Started out for a two days hunt. Went as far as Lincoln twp. Winnebago Co. Iowa. Saw

three Sparrow Hawks and one Pigeon Hawk perched on fence posts of a little distance, but could not shoot any. Saw one prairie chicken in a corn field, and called up one flock in a wheat stubble field, and my companion shot one. Shot King Rail. Saw yellow legs, Wilson's snipes, killdeers, Am. bitterns, shore larks.

Sept. 9.

Saw three prairie chickens. Wilson's snipes yellow legs, killdeers, mourning doves, coot, bobolinks in flocks, Am. bitterns, barn swallows, King bird, Sora Rail, Olivebacks. Went within one mile of the minnesota line. Shot one Wilsons snipe. Lot on meadow lark.

Sept. 10.

Saw Woodcock, Brown thrushes, crows, Solitary tattlers.

Sept 23.

Went hunting down along the creek in Ellington township. Shot two Green-winged Teal and three Blue-winged Teal. Saw several flocks of Wood Ducks and a few Mallards. Pied-billed Grebes. Am. Bitterns, Wilsons Snipe, Pectoral Snipe. [illegible] winged Hawk, [illegible] birds.

Sept 25 Breasted nuthatch, white-breasted nuthatch.

Sept 30.

Saw Am. Bitterns, Black crowned Sparrow (Zonotrichia querula) Shoveller Duck, Sharp-shinned Hawk, several flocks of Wood Ducks, Solitary tattlers, killdeers

Sept 30.
Saw 2 yellow-rumped warblers. Shot Song Sparrow.

Oct. 7
Saw first slate-colored Juncos of the season also Song Sparrows and other sparrows, robins, blue-jays, yellow-shafted Flickers, three mallards and one other kind of small ducks, Killdeers, am Bitterns, young black-crowned night herons (?), blackbirds, marsh hawks.

Oct. 12.
Saw yellow-rumped warblers and chickadees.

Oct. 13.
Saw yel-rumped warblers

Oct. 14
Shot a long-eared Owl in a small evergreen grove. Saw first Tree Sparrows of this fall, chickadees, juncos, fox sparrows, yellow-rumped warblers, crows, robins, blackbirds, red-winged teal, woodcock (?). Shot one Black-hooded Sparrow (Z. querula) one Fox Sparrow, and one yellow-rumped Warbler.

Oct. 15.
Saw a few slate-colored juncos

Oct. 21.
Saw Northern Shrike, Tree Sparrows, Killdeers, Pectoral Sandpipers, Red-winged and Rusty Blackbirds, Juncos, Killdeer, and small flocks of ducks. Shot 3 R-W. Blackbirds and 1 Pectoral Sandpiper.

Oct. 22.
Saw several Black-
headed Sparrows, 50 or
60 Harris' Sparrows, Tree Sparrows,
Song Sparrows, Juncos,
Long-eared Owl, Golden-
crowned Kinglets, Downy
Woodpeckers, Chickadees
and several Black-headed
Sparrows. They have a
quite loud and pretty
clear song of 10 or 12
syllables repeated at
intervals.

Oct. 28.
Shot a Northern Shrike
and a Tree Sparrow.
Saw Juncos, Harris'
Sparrows, Tree Sparrows,
Small Snipe, while coming
home shortly after dark
a large duck flew up
almost under me, but
from some high grass
a short distance from
the creek.

Nov. 4.
Shot a Skunk in some
weeds on the banks of
Limy creek, also shot a
Eastland Longspur and
a Wilson's Snipe. Saw a boy
shot a Green-winged Teal
out of a flock of four in the
creek. Saw two or three Wood
Ducks, Tree Sparrows,
Hairy Woodpecker, 25 Mard
Hawks, and great flocks of
Blackbirds and Eastland
Longspurs.

Nov. 11
Went out to Lake Edwards
and Skunk Lake in the
afternoon. Saw great numb
bers of Mallards and other
ducks, three flocks of Geese

and saw a flock of thirty or forty prairie chickens flu out of a corn field. Saw Tree Sparrows, Juncos, chickadees, Purple Finches, Blue jays, Crows, hawks, Northern Shrike, (Lapland Longspur) Shot one ♀ Purple Finch and one Tree Sparrow.

Nov. 25.

My tame Saw-whet Owl died to day, making 8 months and one week I had him. L. 10½; W. 6½; T. H. While I was skating to-day saw a Red Screech Owl sitting in a hole in a tree. When I came nearer the tree it disappeared in the hole. I started to climb the tree, and when I got about half way up the owl flew out.

Nov. 30.

Thanksgiving day. Very cold and snowy. Saw a small flock of Snow Bunting in a plowed field and a few crows.

Dec. 2

Saw many chickadees. Also tree Sparrows and Blue jay.

Dec. 9.

Got a small Shrew (Sorex) L. T. — that was caught last night while running on the snow by Earl Halvorsen. Saw a number of tree Sparrows and Redpolls (Acanthis linaria) and a small gray (Screech?) Owl in the Evergreens west of town.

Dec. 9

Went by the old Screech Owl nest on the banks of the creek by Mahoney's. Saw a Red Screech Owl stick his head out of the hole. When he saw me he started to crawl in and I fired and he fell back in the hole, and I was obliged to climb the tree to get him. Mounted ♀. L. 10½; W. 6¼; T. 3¼.

Dec. 14

Sent ~~Vroom~~ J. P. Newell, Jr. Carthage, Mo. sets of Field-billed Grebe ½ collected June 10, 1893 Sora Rail ½ collected " 3 " Black-billed Cuckoo ⅓ collected June 12, 93, ditto ⅕ " July 7, 93. Yellow Warbler ½ collected June 3 1893 - for Black Vulture ½ and Turkey Vulture ½.

Dec. 16

Saw a flock of thirteen prairie chickens fly over town towards the east in the morning. Went hunting east and south east of town in the afternoon. Saw a flock of 13 prairie chickens fly from a cornfield, and also scared up another near some hazel brush. Saw also a few crows and a good sized flock of Snow Buntings flying over a field.

Dec. 23.

Saw a few tree sparrows and chickadees and three quails. It was very bright and sunshiny in the forenoon but changed to a drizzling rain and fog in the afternoon

Dec. 26.

Went down to the old oak tree by the creek where I shot a red screech owl the last Saw a red screech owl sitting up in the hole. Saw also a few chickadees.

Dec. 29.

Skated down Lime creek about a mile below the center School House, Ellington twp. Saw one flock of eight prairie chickens flying overhead, and also saw another flock

of about fifty fly
crow a cornfield
saw two partridges,
many tree sparrows
and a few crows feed-
ing upon a dead horse

Dec. 30.

saw a few tree spar-
rows and a jackrabbit
in a pasture in the
western part of town

10 Birds Skinned and Preserved during 1893.

158	Feb.	4	♀
159	"	25	♀
160	Apr.	22	♀
161	"	24	♂
162	"	29	♀
163	May	5	♂
164	"	6	♂
165	"	"	♀
166	"	11	♂
167	"	13	♀ ♂
168	"	"	♀
169	"	"	♀
170	"	16	
171	"	20	♂
172	"	"	♂
173	"	"	♀
174	"	27	♀
175	June	3	♂
176	July	31	♂
177	Aug.	12	
178	Nov. 25. caught Mar. 16		

Spinus tristis
Bubo virginianus
Buteo latissimus
Dentroica coronata
Nycticorax nycticorax naevius
Ereunatura rubida
Carpodacus purpureus
Carpodacus purpureus
Rallus elegans
Circus hudsonius
Ictus delawarensis
Phalaropus tricolor
Rallus virginianus
Turdus mustelinus
Dentroica maculata
Chondestes grammacus
Chondestes grammacus
Sylvania canadensis
Ammodramus savannarum passerinus perpallidus
Actitis macularia
Ardea herodias
Nyctala acadica

Eggs taken du

Set mark	Date	Nainset
	April 29.	2
	May 6.	2
	" 13.	3
	" 12	5
	" 20	6
	" 21	2
	" 25	8
	" 30	6
	June 3.	10
	" "	7
	" "	5
	" "	3
	" "	5
	" 6	9
	" 10	8
	" "	8
	" "	10
	" 12	3
	" "	7
	" "	3

ing the year 1893.

NAME.

Buteo borealis.
Accipiter cooperi.
Circus hudsonius.
Passer domesticus
Quiscalus quiscula æneus
Zenaidura macroura.
Colaptes auratus
Passer domesticus
Porzana carolina
" "
Botaurus lentiginosus
Hydrochelidon nigra s.
Icterus
Podilymbus podiceps
" "
" "
Fulica americana
Coccyzus erythrophthalmus
Troglodytes ædon
Piranga erythromelas

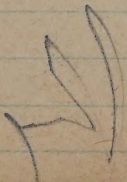
Eggs taken during

Set mark	Date	No. in set
	June 12	4
	" 13	3
	" "	5
	" "	4
	" "	5
	" 17	4
	" 29	3
	July 7	4
	" "	5
	" 8	2
	" "	4
	" 10	3
	" 14	4
	" 22	4
	Aug. 2	3
	" 3	13
	" "	15
	Sept. 1	2

the year 1893

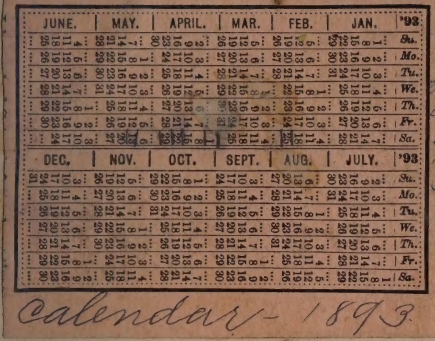
Name.

Empidonax minimus
Turdus mustelinus
Dentroica astiva
Petrochelidon lunifrons
Chelidon erythrogaster
Spiza americana.
Sayornis phoebe
Melanerpes erythrocephalus
Coccyzus erythrophthalmus
Geothlypis trichas
Chelidon erythrogaster
Sialia sialis
Nerula migratoria
Sayornis phoebe
Coccyzus americanus
Colinus virginianus
" "
Zenaidura macroura.



May 23, 1893.
Sent 65 to
F. S. Webster & Co.
for Davies
Typewriting.

Sept. 24 Rec'd copy Davies
Nests and eggs N. A. Birds.



JUNE.	MAY.	APRIL.	MAR.	FEB.	JAN.	'93
4 11 18 25	2 9 16 23 30	6 13 20 27	6 13 20 27	3 10 17 24	1 8 15 22 29	Su.
5 12 19 26	3 10 17 24 31	7 14 21 28	7 14 21 28	4 11 18 25	2 9 16 23 30	Mo.
6 13 20 27	4 11 18 25	1 8 15 22 29	1 8 15 22 29	5 12 19 26	3 10 17 24 31	Tu.
7 14 21 28	5 12 19 26	2 9 16 23 30	2 9 16 23 30	6 13 20 27	4 11 18 25	We.
1 8 15 22 29	6 13 20 27	3 10 17 24	3 10 17 24 31	7 14 21 28	5 12 19 26	Th.
2 9 16 23 30	7 14 21 28	4 11 18 25	4 11 18 25	1 8 15 22	6 13 20 27	Fr.
3 10 17 24	1 8 15 22 29	5 12 19 26	5 12 19 26	2 9 16 23	7 14 21 28	Sa.

DEC.	NOV.	OCT.	SEPT.	AUG.	JULY.	'93
5 12 19 26	2 9 16 23 30	7 14 21 28	4 11 18 25	1 8 15 22 29	6 13 20 27	Su.
6 13 20 27	3 10 17 24	1 8 15 22 29	5 12 19 26	2 9 16 23 30	7 14 21 28	Mo.
7 14 21 28	4 11 18 25	2 9 16 23 30	6 13 20 27	3 10 17 24 31	1 8 15 22 29	Tu.
1 8 15 22 29	5 12 19 26	3 10 17 24 31	7 14 21 28	4 11 18 25	2 9 16 23 30	We.
2 9 16 23 30	6 13 20 27	4 11 18 25	1 8 15 22 29	5 12 19 26	3 10 17 24 31	Th.
3 10 17 24 31	7 14 21 28	5 12 19 26	2 9 16 23 30	6 13 20 27	4 11 18 25	Fr.
4 11 18 25	1 8 15 22 29	6 13 20 27	3 10 17 24	7 14 21 28	5 12 19 26	Sa.

calendar - 1893.